

## REMARKS

As stated above, On October 12, 2004, Primary Examiner Ricci telephoned Applicant's attorney and indicated that the Claims as amended in the Second Proposed Amendment would be allowable, and thus place all claims and the patent case in condition for allowance. Accordingly, Applicant respectfully notes that the above amended Claims are presented in verbatim with respect to said Second Proposed Amendment. As such, Applicant respectfully notes that the claims and patent case are now in condition for allowance.

## CONCLUSION

The above-made amendments are to form only and thus, no new matter was added. Applicant respectfully believes the above-made amendments now place the Claims and application in condition for allowance. This Response to Office Action is believed to be a full and complete response to the present Office Action. Should there be any questions or concerns, the Examiner is invited to telephone Applicant's undersigned attorney.

Respectfully submitted,

Dated: 10/13/04



Ashish D. Patel  
Attorney for Applicant, Reg. No. 50,177

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PATENT  
10/659,618

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:	<b>ARASMITH, Gregory B.</b>	)	Docket No:	020102-CIP
		)		
Serial No.:	10/659,618	)	Examiner:	Ricci, John A.
		)		
Filed:	September 10, 2003	)	Group Art:	3712
		)		

For: **ARROW BROADHEAD**

**STATEMENT OF THE SUBSTANCE OF TELEPHONIC INTERVIEW**  
**RESULTING FROM A SERIES OF TELEPHONE CONFERENCES**  
**DATED SEPTEMBER 8, 2004, SEPTEMBER 21, 2004 AND OCTOBER 4, 2004 BETWEEN**  
**PRIMARY EXAMINER JOHN A. RICCI AND ATTORNEY ASHISH D. PATEL**

MS: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Myers & Kaplan, L.L.C.  
Intellectual Property Law  
1899 Powers Ferry Road  
Suite 310  
Atlanta, GA 30339

October 13, 2004

Dear Sir:

On or about September 8, 2004, September 21, 2004 and October 4, 2004, and pursuant to an Office Action mailed July 27, 2004, Applicant's attorney, Ashish D. Patel (50,177), held a series of telephonic conferences with Primary Examiner John A. Ricci in the above-referenced application for purposes of discussing proposed amendments to place the rejected Claims in condition for allowance.

Applicant respectfully notes the following:

- 1) No exhibit was shown, nor was any demonstration conducted.
- 2) All claims were discussed.
- 3) The following prior art was discussed: US Patent No. 5,496,042 to Craft et al., U.S. Patent No. 5,496,043 to Ester, and U.S. Patent No. 6,663,518 to Kuhn.
- 4) Applicant's attorney and Primary Examiner Ricci agreed to amend the rejected Claims pursuant to Applicant's Second Proposed Amendments. Applicant has appended a copy of the Second Proposed Amendments hereto, as well as a copy of the First Proposed Amendments and a facsimile transmission from Primary Examiner Ricci in response to Applicant's First Proposed Amendments.
- 5) With regard to the First Proposed Amendment, Applicant and Examiner agreed that amending the rejected Claims to incorporate the allowable subject matter of the objected Claims would distinguish Applicant's device, as recited in the amended Claims, from the cited prior art. Additionally, and with regard to Craft et al., Primary Examiner and Applicant discussed the differences in the Craft device and Applicant's device - mainly that Applicant's retaining cap is engaged to the exterior of the shaft so that it retains the bearing insert within the arrow shaft, and that Craft's bushing 25 (described as a retaining means by Primary Examiner) is placed within the shaft.
- 6) In Primary Examiner Ricci's facsimile transmission of September 21, 2004, Primary Examiner stated that section (d) of Claim 1 required clarification with regard to "where the blade increases in width." During the telephonic interview of September 21, 2004, Applicant's attorney, Ashish D. Patel, respectfully directed Primary


Examiner's attention to clarifying and descriptive language in Applicant's originally filed specification (Page 17, Paragraph 1), and Applicant's drawing figures (Figure 1) that provide clarifying support for section (d) of Claim 1. Primary Examiner agreed that Applicant's specification and drawing figures provided the clarification required by Primary Examiner in section (d) of Claim 1, and that no amendment would therefore be necessary to said section (d) of Claim 1.

However, and as required by Primary Examiner, Applicant amended, in its Second Proposed Amendment, section (e) of Claim 1 to describe how the bearing insert relates to the arrow head.

- 7) With further regard to Primary Examiner Ricci's facsimile transmission of September 21, 2004, and with further regard to Applicant's Second Proposed Amendment, Applicant further amended Claims 33 and 34 to illustrate that Applicant's bearing insert allows the broadhead arrowhead to rotate independently of the arrow shaft. Primary Examiner agreed that such an amendment would overcome the cited prior-art patents to Ester in view of Kuhn. Specifically, Ester discloses an arrow head that is securely fastened or tightened over an arrow head shaft and, thus, the arrow head of Ester cannot rotate independently of the arrow shaft and, as such, the arrow head of Ester cannot rotate during flight of the arrow. Primary Examiner and Applicant agreed that this latter feature of Ester is not shared by Applicant's device and, as such, Ester cannot be combined with Kuhn to render Applicant's broadhead arrow head assembly obvious.
- 8) Accordingly, Applicant's attorney and Primary Examiner Ricci agreed that amending the rejected Claims pursuant to the Second Proposed Amendments would place all claims and the patent case in condition for allowance.

The herein statement of the substance of the telephonic interview pursuant to MPEP Section 713.04 is believed to be complete and responsive to the telephonic interviews between Examiner Ricci and Applicant's attorney. If, however, Examiner feels that this statement is not complete, Applicant's attorney respectfully requests notification thereof to rectify any deficiencies.

Respectfully submitted, this 13<sup>th</sup> day of October, 2004.

  
\_\_\_\_\_  
Ashish D. Patel  
Attorney for Applicant  
Reg. No. 50,177

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**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service Express Mail with sufficient postage in an envelope addressed to: MS: Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on:

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Cynthia Pilato  
(Signature of Person Mailing)  
10-13-04  
(Date)



PATENT  
10/659,618

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:	ARASMITH, Gregory B.	)	Docket No:	020102-CIP
Serial No.:	10/659,618	)	Examiner:	Ricci, John A.
Filed:	September 10, 2003	)	Group Art:	3712
For:	ARROW BROADHEAD	)		

**PROPOSED AMENDMENTS PURSUANT TO SEPTEMBER 8, 2004 TELEPHONIC  
INTERVIEW BETWEEN PRIMARY EXAMINER JOHN A. RICCI &  
APPLICANT'S ATTORNEY ASHISH D. PATEL**

September 8, 2004

MS: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to the September 8, 2004 telephonic interview by and between Primary Examiner Ricci and Applicant's attorney, Ashish D. Patel, please find, below, proposed claim amendments discussed between the afore-referenced parties for purposes of placing all claims in condition for allowance. Upon Examiner's approval of the proposed amendments, and/or any subsequent amendments agreed upon and made thereto, Applicant's attorney will formalize the claim amendments in an official "Response to Second Office Action" and embody the content of said interview in an appropriate "Interview Summary."

## PROPOSED AMENDMENTS TO THE CLAIMS

Please amend the Claims as follows:

1. (Currently Amended) An improved broadhead arrowhead for affixation to an arrow shaft comprising:

- (a.) a forward portion comprising a point;
- (b.) a rearward portion for engaging the arrow shaft;
- (c.) a curved blade intermediate said forward and rearward portions, wherein the curvature of said curved blade promotes a twisting aspect of said broadhead with regard to a direction of flight;
- (d.) said curved blade increasing in width as measured from the leading edge thereof to the central axis of said broadhead, and wherein said curved blade further comprises a cut-out portion, said cut-out portion comprising a downwardly tapered area or wind-deflector formed at the base thereof; and,
- (e.) a bearing insert disposed within the arrow shaft, wherein a retaining cap is engaged to an exterior portion of the arrow shaft for retaining said bearing insert therewithin.  
*said broadhead adapted to engage said bearing insert.*

2. (Original) The broadhead of claim 1, wherein said broadhead comprises a pitch of approximately 11.3.

3. (Original) The broadhead of claim 2, wherein said pitch corresponds to said broadhead having a linear translation or displacement of approximately 11.3 inches upon one full rotation thereof.

4. (Original) The broadhead of claim 1, wherein said forward portion further comprises chisel-shaped flats.

5. Cancelled

6. (Original) The broadhead of claim 1, wherein said rearward portion further comprises a thread.

7. (Original) The broadhead of claim 1, wherein said rearward portion further comprises a journal.

8. Cancel

9. (Currently Amended) The broadhead of claim ~~8~~1, wherein said bearing insert allows said means for allowing said broadhead to rotate independently of the arrow shaft ~~comprises a bearing insert.~~

10. Cancel

11. (Currently Amended) The broadhead of claim ~~10~~1, wherein said retaining cap is adhered to the exterior portion of the arrow shaft and is disposed over said bearing insert ~~seated~~disposed within the arrow shaft.



12. (Original) The broadhead of claim 1, further comprising means for replacement of said blade independently from the remainder of said broadhead.

13. (Original) The broadhead of claim 12, wherein said means for replacement of said blade comprises a lug at a rearward portion of said blade and a retainer for cooperating with said lug.

14. (Original) The broadhead of claim 12, wherein said means for replacement of said blade comprises a groove for accommodating said blade.

15. (Currently Amended) An improved arrow comprising:

- (a.) a broadhead arrowhead comprising a forward portion carrying a point, a rearward portion for engaging a shaft of said arrow, and a blade intermediate said forward and rearward portions; and,
- (b.) a bearing insert and retaining cap for accommodating independent rotation of said broadhead arrowhead with regard to said arrow shaft, wherein said retaining cap is engaged to an exterior portion of the arrow shaft for retaining said bearing insert therewithin.

16. (Original) The arrowhead of Claim 15, wherein said blade is curved to promote a twisting aspect of said broadhead arrowhead with regard to said arrow shaft.

17. (Original) The arrowhead of Claim 15, wherein said broadhead arrowhead comprises a pitch of approximately 11.3.

18. (Original) The arrowhead of claim 17, wherein said pitch corresponds to said broadhead arrowhead having a linear translation or displacement of approximately 11.3 inches upon one full rotation thereof.

~~19.~~ (Original) The arrowhead of claim 15, wherein said retaining cap is adapted to engage said bearing insert.

20. (Currently Amended) The arrowhead of claim 19, wherein said retaining cap is adhered to the exterior portion of said arrow shaft and is disposed over said bearing insert seated ~~seated~~ disposed within said the arrow shaft.

21. Cancelled

22. Cancelled

23. (Currently Amended) An apparatus for independently rotating an arrowhead with regard to an arrow shaft, said apparatus comprising:

a bearing insert; and,

a retaining cap, wherein said retaining cap is engaged to an exterior portion of the arrow shaft for retaining said bearing insert therewithin.

24. (Previously Amended) The apparatus of Claim 23, wherein said bearing insert is cylindrical-shaped and dimensioned to be seated within an end of the arrow shaft.

25. (Previously Amended) The apparatus of Claim 24, wherein said bearing insert comprises an outer flanged portion that rests atop the end of the arrow shaft, establishing at least one bearing surface therebetween.

26. (Previously Amended) The apparatus of Claim 25, wherein said retaining cap is dimensioned to be seated over said bearing insert, and wherein said flanged portion of said bearing insert contacts at least one inner surface of said retaining cap, establishing at least one bearing surface therebetween.

27. (Previously Amended) The apparatus of Claim 26, wherein a first end of said bearing insert extends at least partially through a first end of said retaining cap when said retaining cap is engaged with said bearing insert, thereby establishing at least one bearing surface therebetween.

28. (Currently Amended) The apparatus of Claim 27, wherein said retaining cap is adhered to the exterior portion of the ~~an~~ end of the arrow shaft when said retaining cap is placed over said bearing insert.

29. Cancel

30. (Previously Amended) The apparatus of Claim 28, wherein said retaining cap functions to protect the end of the arrow shaft from potential cracking, breaking, splintering, denting, or other damage, as a result of forceful impact or collision of same with trees, rocks, bones, or other solid surfaces.

31. (Previously Amended) A method of independently rotating an arrowhead with regard to an arrow shaft, said method comprising the steps of:

- a. obtaining a bearing insert;
- b. placing said bearing insert into said arrow shaft;
- c. applying an adhesive to an exterior end of said arrow shaft, proximal said bearing insert;
- d. placing a retaining cap over said exterior end of said arrow shaft, thereby establishing a bearing surface between said retaining cap and said bearing insert;
- e. securing said arrowhead to said bearing insert; and,
- f. allowing said arrowhead to independently rotate with regard to said arrow shaft.

32. Cancelled

33. (Currently Amended) An improved broadhead arrowhead assembly for affixation to an arrow shaft, comprising:

a blade comprising a cut-out portion, said cut-out portion comprising a downwardly tapered wind-deflector formed at the base thereof;

a bearing insert; and,

a retaining cap, wherein said retaining cap is engaged to an exterior portion of the arrow shaft for retaining said bearing insert therewithin.

34. (Currently Amended) An improved broadhead arrowhead assembly for affixation to an arrow shaft, comprising:

a blade comprising a cut-out portion, said cut-out portion comprising a downwardly tapered wind-deflector formed at the base thereof;

a bearing insert; and,

a retaining cap, said retaining cap engaged to an exterior portion of the arrow shaft for retaining said bearing insert therewithin,

wherein said broadhead comprises pitch of approximately 11.3.

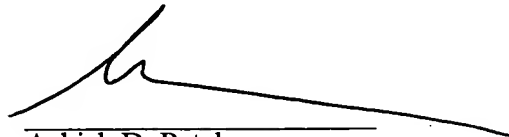
## CONCLUSION

The above-made amendments are to form only and thus, no new matter was added. Applicant respectfully believes the above-made amendments now place the Claims and application in condition for allowance. Should there be any questions or concerns, the Examiner is invited to telephone Applicant's undersigned attorney.

Respectfully submitted,

Dated:

09/08/04



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Attorney for Applicant  
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Group Art Unit: 3712Patent Application No. 10/659,618  
Filing Date: 09/10/2003  
Attorney Docket No. 020102-CIP

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Ashish D. Patel, Esq. (Registration No. 50,177)

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1. PROPOSED AMENDMENTS PURSUANT TO SEPTEMBER 8, 2004 TELEPHONIC INTERVIEW BETWEEN PRIMARY EXAMINER JOHN A. RICCI &amp; APPLICANT'S ATTORNEY ASHISH D. PATEL.

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## *Fax Transmission*

From: John Ricci, Art Unit 3712

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Examiner does not need to see right away (delivered directly to  
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Examiner.

703-783-0439 for papers delivered directly to

Date: 9/22/04

To: Ashish Patel  
Myers & Kaplan

Fax #: 770-541-7448

USE THIS FAX

Regarding: 10-659618, Arrow Broadhead, Gregory Arasmith  
(Docket # 020102-CIP)

Number of Pages (Including this one): 2



9/21/04

10/659618

To: Ashish Patel

Comments regarding proposed amendment of 9/8/04:

1. In claim 1, section (d), it is not clear where the blade increases in width. In section (e), it is not clear what is the purpose of the bearing insert and how it is related to the arrow head.

2. Claims 15-20, 23-28, & 30-31 appear to be allowable.

3. Claims 33 & 34 appear obvious over Ester 5,496,043 in view of Kuhn 6,663,518. Ester shows a broadhead including a bearing insert 9 and a retaining cap 1 engaged to the exterior of the arrow shaft for retaining the bearing insert within. Kuhn shows that the blades may have a cut-out having a downwardly tapered wind deflector.

John A. Ricci  
Primary Examiner



PATENT  
10/659,618

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:	ARASMITH, Gregory B.	)	Docket No:	020102-CIP
		)		
Serial No.:	10/659,618	)	Examiner:	Ricci, John A.
		)		
Filed:	September 10, 2003	)	Group Art:	3712
		)		

For: **ARROW BROADHEAD**

**SECOND PROPOSED AMENDMENTS PURSUANT TO SEPTEMBER 21, 2004 & October 4, 2004 TELEPHONIC INTERVIEWS BETWEEN PRIMARY EXAMINER JOHN A. RICCI & APPLICANT'S ATTORNEY ASHISH D. PATEL**

October 4, 2004

MS: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to the September 21, 2004 and October 4, 2004 telephonic interviews by and between Primary Examiner Ricci and Applicant's attorney, Ashish D. Patel, please find, below, second proposed claim amendments and remarks discussed between the afore-referenced parties for purposes of placing all claims in condition for allowance. Upon Examiner's approval of the second proposed amendments, and/or any subsequent amendments agreed upon and made thereto, Applicant's attorney will formalize the claim amendments in an official "Response to Second Office Action" and embody the content of the September 8, 2004, September 21, 2004 and October 4, 2004 telephonic interviews in an appropriate "Interview Summary."

## SECOND PROPOSED AMENDMENTS TO THE CLAIMS

**Please amend the Claims as follows:**

1. (Currently Amended) An improved broadhead arrowhead for a fixation to an arrow shaft comprising:

- (a.) a forward portion comprising a point;
- (b.) a rearward portion for engaging the arrow shaft;
- (c.) a curved blade intermediate said forward and rearward portions, wherein the curvature of said curved blade promotes a twisting aspect of said broadhead with regard to a direction of flight;
- (d.) said curved blade increasing in width as measured from the leading edge thereof to the central axis of said broadhead, and wherein said curved blade further comprises a cut-out portion, said cut-out portion comprising a downwardly tapered area or wind-deflector formed at the base thereof; and,
- (e.) a bearing insert disposed within the arrow shaft, wherein a retaining cap is engaged to an exterior portion of the arrow shaft for retaining said bearing insert therewithin, said broadhead arrowhead adapted to engage said bearing insert.

2. (Original) The broadhead of claim 1, wherein said broadhead comprises a pitch of approximately 11.3.

3. (Original) The broadhead of claim 2, wherein said pitch corresponds to said broadhead having a linear translation or displacement of approximately 11.3 inches upon one full rotation thereof.

4. (Original) The broadhead of claim 1, wherein said forward portion further comprises chisel-shaped flats.

5. Cancelled

6. (Original) The broadhead of claim 1, wherein said rearward portion further comprises a thread.

7. (Original) The broadhead of claim 1, wherein said rearward portion further comprises a journal.

8. Cancel

9. (Currently Amended) The broadhead of claim 8, wherein said bearing insert allows said  
~~means for allowing~~ said broadhead to rotate independently of the arrow shaft ~~comprises a bearing~~  
insert.

10. Cancel

11. (Currently Amended) The broadhead of claim 10~~1~~, wherein said retaining cap is adhered to the exterior portion of the arrow shaft and is disposed over said bearing insert ~~seated~~ disposed within the arrow shaft.

12. (Original) The broadhead of claim 1, further comprising means for replacement of said blade independently from the remainder of said broadhead.

13. (Original) The broadhead of claim 12, wherein said means for replacement of said blade comprises a lug at a rearward portion of said blade and a retainer for cooperating with said lug.

14. (Original) The broadhead of claim 12, wherein said means for replacement of said blade comprises a groove for accommodating said blade.

15. (Currently Amended) An improved arrow comprising:

- (a.) a broadhead arrowhead comprising a forward portion carrying a point, a rearward portion for engaging a shaft of said arrow, and a blade intermediate said forward and rearward portions; and,
- (b.) a bearing insert and retaining cap for accommodating independent rotation of said broadhead arrowhead with regard to said arrow shaft, wherein said retaining cap is engaged to an exterior portion of the arrow shaft for retaining said bearing insert therewithin.

16. (Original) The arrowhead of Claim 15, wherein said blade is curved to promote a twisting aspect of said broadhead arrowhead with regard to said arrow shaft.

17. (Original) The arrowhead of Claim 15, wherein said broadhead arrowhead comprises a pitch of approximately 11.3.

18. (Original) The arrowhead of claim 17, wherein said pitch corresponds to said broadhead arrowhead having a linear translation or displacement of approximately 11.3 inches upon one full rotation thereof.

19. (Original) The arrowhead of claim 15, wherein said retaining cap is adapted to engage said bearing insert.

20. (Currently Amended) The arrowhead of claim 19, wherein said retaining cap is adhered to the exterior portion of said arrow shaft and is disposed over said bearing insert ~~seated~~ disposed within ~~said~~ the arrow shaft.

21. Cancelled

22. Cancelled

23. (Currently Amended) An apparatus for independently rotating an arrowhead with regard to an arrow shaft, said apparatus comprising:

a bearing insert; and,

a retaining cap, wherein said retaining cap is engaged to an exterior portion of the arrow shaft for retaining said bearing insert therewithin.

24. (Previously Amended) The apparatus of Claim 23, wherein said bearing insert is cylindrical-shaped and dimensioned to be seated within an end of the arrow shaft.

25. (Previously Amended) The apparatus of Claim 24, wherein said bearing insert comprises an outer flanged portion that rests atop the end of the arrow shaft, establishing at least one bearing surface therebetween.

26. (Previously Amended) The apparatus of Claim 25, wherein said retaining cap is dimensioned to be seated over said bearing insert, and wherein said flanged portion of said bearing insert contacts at least one inner surface of said retaining cap, establishing at least one bearing surface therebetween.

27. (Previously Amended) The apparatus of Claim 26, wherein a first end of said bearing insert extends at least partially through a first end of said retaining cap when said retaining cap is engaged with said bearing insert, thereby establishing at least one bearing surface therebetween.

28. (Currently Amended) The apparatus of Claim 27, wherein said retaining cap is adhered to the exterior portion of the ~~an~~ end of the arrow shaft when said retaining cap is placed over said bearing insert.

29. Cancel

30. (Previously Amended) The apparatus of Claim 28, wherein said retaining cap functions to protect the end of the arrow shaft from potential cracking, breaking, splintering, denting, or other

damage, as a result of forceful impact or collision of same with trees, rocks, bones, or other solid surfaces.

31. (Previously Amended) A method of independently rotating an arrowhead with regard to an arrow shaft, said method comprising the steps of:

- a. obtaining a bearing insert;
- b. placing said bearing insert into said arrow shaft;
- c. applying an adhesive to an exterior end of said arrow shaft, proximal said bearing insert;
- d. placing a retaining cap over said exterior end of said arrow shaft, thereby establishing a bearing surface between said retaining cap and said bearing insert;
- e. securing said arrowhead to said bearing insert; and,
- f. allowing said arrowhead to independently rotate with regard to said arrow shaft.

32. Cancelled

33. (Currently Amended) An improved broadhead arrowhead assembly for affixation to an arrow shaft, comprising:

a broadhead arrowhead comprising a blade, said blade comprising a cut-out portion, said cut-out portion comprising a downwardly tapered wind-deflector formed at the base thereof;

a bearing insert, wherein said bearing insert allows said broadhead arrowhead to rotate independently of the arrow shaft; and,

a retaining cap, wherein said retaining cap is engaged to an exterior portion of the arrow shaft for retaining said bearing insert therewithin.



34. (Currently Amended) An improved broadhead arrowhead assembly for affixation to an arrow shaft, comprising:

a broadhead arrowhead comprising a blade, said blade comprising a cut-out portion, said cut-out portion comprising a downwardly tapered wind-deflector formed at the base thereof;

a bearing insert, wherein said bearing insert allows said broadhead arrowhead to rotate independently of the arrow shaft; and,

a retaining cap, said retaining cap engaged to an exterior portion of the arrow shaft for retaining said bearing insert therewithin,

wherein said broadhead comprises pitch of approximately 11.3.

## REMARKS

In Primary Examiner Ricci's facsimile transmission of September 21, 2004, Primary Examiner stated that section (d) of Claim 1 required clarification with regard to "where the blade increases in width." During the telephonic interview of September 21, 2004, Applicant's attorney, Ashish D. Patel, respectfully directed Primary Examiner's attention to clarifying and descriptive language in Applicant's originally filed specification (Page 17, Paragraph 1), and Applicant's drawing figures (Figure 1) that provide clarifying support for section (d) of Claim 1. Primary Examiner agreed that Applicant's specification and drawing figures provided the clarification required by Primary Examiner in section (d) of Claim 1, and that no amendment would therefore be necessary to said section (d) of Claim 1.

However, and as required by Primary Examiner, Applicant has amended section (e) of Claim 1 to describe how the bearing insert relates to the arrow head.

Moreover, Applicant has further amended Claims 33 and 34 to illustrate that Applicant's bearing insert allows the broadhead arrowhead to rotate independently of the arrow shaft. Primary Examiner agreed that such an amendment would overcome the cited prior-art patents to Ester in view of Kuhn. Specifically, Ester discloses an arrow head that is securely fastened or tightened over an arrow head shaft and, thus, the arrow head of Ester cannot rotate independently of the arrow shaft and, as such, the arrow head of Ester cannot rotate during flight of the arrow. Primary Examiner and Applicant agreed that this latter feature of Ester is not shared by Applicant's device and, as such, Ester cannot be combined with Kuhn to render Applicant's broadhead arrow head assembly obvious.

Applicant respectfully believes that all claims are now in condition for allowance. Upon Primary Examiner's concurrence with Applicant's amendments, Applicant will embody the foregoing amendments and arguments in an appropriate Response to Office Action and Interview Summary.

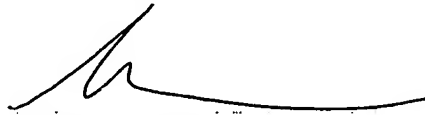
### **CONCLUSION**

The above-made amendments are to form only and thus, no new matter was added. Applicant respectfully believes the above-made amendments now place the Claims and application in condition for allowance. Should there be any questions or concerns, the Examiner is invited to telephone Applicant's undersigned attorney.

Dated: 10/04/04

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Respectfully submitted,



Ashish D. Patel  
Attorney for Applicant  
Reg. No. 50,177

\* \* \* Transmission Result Report (MemoryTX) ( Oct. 4. 2004 3:54PM ) \* \* \*

1) Myers & Kaplan  
2)

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